

THE TECH

VOL. XXVIII. No. 52

BOSTON, MASS., FRIDAY, MARCH 5, 1909

PRICE THREE CENTS

TRIANGULAR MEET AT SPRINGFIELD

Between Technology, Amherst and Springfield Training

TECH EXPECTS VICTORY

First Meet with Amherst this Year, Second with Springfield Training School

Technology, Amherst, and Springfield Training School meet in a triangular fencing tournament Saturday evening at Springfield. The meet is to be a benefit exhibition for the help of the Springfield Boy's Club and even though the admission tickets will cost one dollar a large crowd is expected to be present.

Knox, Loring and Grubnau will make up the Institute's team and should have an easy victory. The Amherst team will be picked from the following men:—Nash 1909, Clark 1910, Kendrick 1910, Shumway 1911, R. Jones 1912, and Loomis 1912.

Amherst this year is not making any great attempts to put their team in line with the best teams, but have opened a short season with Springfield Training School. Technology and other colleges which have open dates.

Technology has already defeated Springfield Training School. It is almost a certainty that they will repeat their former victory, and prospects of defeating Amherst are almost as sure as those of defeating Springfield, for the Amherst team has had little experience this year as compared with Technology.

The Institute team has had a brilliant season, having met with no defeats so far this year. Technology opened their season with a victory over Boston Y. M. C. A. with a score of 8 to 1. This meet was followed by the meet with the Fenway Studio team, the Tech team defeating the Fenway team by a score of 7 to 2. Technology then administered a defeat to the Springfield Training School by a score of 9 to 0. Last Wednesday the team met Columbia and found an easy victory by a score of 7 to 2, followed by another victory Saturday evening over the strong Pennsylvania team by a score of 6 to 3.

The prospects of capturing the Inter-collegiate championship this year are bright, though West Point has a team which is sure to furnish hard competition. The preliminary meet for the trophy will be held on March 13 at the Gym, when Technology meets Harvard and Yale. If the Institute trio survives this tournament they will be eligible to compete in the finals to be held March 27 in New York.

TECHNIQUE 1911

President Salisbury of the sophomore class thinks it is time for the class to elect their Technique electoral committee so that they will have plenty of time to choose the board of editors. All members of the class are eligible to this committee. No man is a member of the class of 1911 until he has paid his class dues to date, and signed the constitution. Proofs of the official list of the class members will be posted next Tuesday, Mar. 9, on the various bulletin boards and every man in the class is urged to look them over and be sure that his name is on the list.

On Monday, Mar. 22, ballots for the Technique electoral committee will be mailed to each member of the class. Fill them out and return them to the cage for W. C. Salisbury as soon as possible. The polls will close Friday, Mar. 26. The following men are authorized to collect class dues:—Course I, E. A. Nash; II, F. A. Wood, S. B. Copeland; III, M. A. Grossman; VI, K. Faunce; X, C. F. Hobson; XI, H. D. Williams; XIII, S. H. Cornell.

TECHNOLOGY WINS BY SCORE OF 47-8

Lowell Five Defeated by Superior Team Work Of Technology

HARGRAVES EXCELLS

Second Defeat of Lowell Textile By the Institute Team This Season

The Technology basket ball team administered a severe defeat to the Lowell Textile five last night in the Institute gymnasium. The Lowell Textile team was outclassed at every point, the Tech team playing one of the best games of the season. Hargrave played a remarkable game, shooting eight baskets, Parker came second with five. For Textile Bunce and Manning excelled.

Summary:—

M. I. T.	LOWELL TEXTILE
Hargrave, r.f.	l.b. Jefferson
Parker, l.f.	r.b. Manning
Wentworth (Capt.), c.	c. Brainard
Bennis, r.b.	l.f. Bunce
Taite, l.b.	r.f. Holden (Capt.)

Score 47-8.

Goals from floor—Hargrave 8, Parker 5, Taite 3, Bennis 3, Wentworth 2, Bunce 2, Manning 1.

Goals from fouls—Wentworth 5, Bunce 2.

Referee, G. B. Velte, St. Marks.

Scorer—Whitmore, M. I. T. Timer, Gale, Lowell Text.

Time—20 minute halves.

M. I. T. plays New Hampshire State college at Durham, N. H., next Saturday. It is the last game of the season, and a hard one is expected as the New Hampshire team is hard to beat on their home grounds.

BIOLOGICAL SOCIETY

At the Hotel Marlboro last evening thirty-two members of the Biological Society were entertained by Dr. Leary, of Tufts Medical college, who spoke on the subject of "The Beneficial Results Obtained in the Use of Vaccines and Antitoxines in the Treatment of Hemorrhages, Typhoid and Pneumonia." One of the main things of the evening was the introduction of a number of songs, containing hits on the professors of the Biological department.

BRANDEIS WILL SPEAK

The speaker this evening at the Union is to be Louis D. Brandeis of Brandeis, Dunbar, and Nutter, one of the most prominent law firms of Boston. Mr. Brandeis has chosen as his subject "The Recent Old Age Pension Movement," but he subject itself when Mr. Brandeis is speaking might just as well be, "The Migration of Souls" for four fifths of the enjoyment is derived from hearing a man who is a rattling good talker, and he is indeed all that.

Although a young man Mr. Brandeis is considered one of the ablest and most prominent lawyer in Boston. A great deal of his time and attention has been devoted to public questions, and it was he who fought the New Haven merger so vehemently. There are many other prominent cases in which he has been engaged, simply as a citizen, without any personal interests at stake, fighting simply for what was just and fair.

Such a man is truly an ideal citizen and deserves the respect and admiration of every one. Here is a chance for every TECH fellow to hear a man of sterling quality, and the opportunity should be grasped while it is within reach.

Frederick P. Fish of the corporation executive committee was yesterday nominated by Gov. Draper to succeed the late Carroll D. Wright as a member of the state board of education.

LOWELL SPEAKS ON SHOOTING STARS

Second Lecture in Cosmic Physics Course is Instructive

SPACE FULL OF NEBULA

Man Ascending Hundred Miles Above Earth Would be Killed By Brickbats

That the meteorites and shooting stars which are to be seen traversing our skies on starry nights are merely the bricks of which our polar system is constructed was the point made yesterday afternoon before over 1000 people in Huntington Hall by Professor Percival Lowell of the Flagstaff observatory.

These bodies that visit us from time to time are an evidence of the initial catastrophe when our sun was struck by a dark star and the whole system broken up into a nebula, from which the present state of affairs evolved. The smaller ones are called shooting stars and when they encounter our upper atmosphere they are ignited by the intense friction and are decomposed into cosmic dust. From time to time however we see dart across the sky a larger mass and if we are near enough masses of rock fall to the earth. These latter are meteorites, far visitors from space which have at last come to rest in Mother Earth in graves which they themselves have dug.

"If a man should by any means ascend to the upper air about 100 miles from the earth he would speedily be killed" declared Prof. Lowell. "Flying brickbats, coming with the speed of fifteen times that of an express train would not let him live long. The immediate space around us is filled with these particles of the nebula, which existed aeons of years before the earth was formed."

HARE AND HOUND CLUB

At the meeting of the Hare and Hounds Club Wednesday in the Union, officers for the ensuing year were elected. C. P. Eldred 1911, was chosen chase captain and treasurer, and W. C. West 1911, assistant chase captain and secretary. Two amendments to the constitution were also discussed. The first of these provides that the chase captain and the assistant chase captain may not both be members of the cross country team. The reason for this amendment is that in past years it has sometimes happened that both of these officers have been on the cross country team and so there has been no one to take charge of the hare and hound runs, while the team was in training. The second amendment considered, requires the treasurer of the club to report each year at the annual meeting in February. Action was also taken in regard to the annual cross country dinner and president E. Jacobs 1910, was authorized to appoint a committee of two to make arrangements for the same.

1912 NOMINATIONS

Freshmen nominations for the managers of this year's baseball team and next year's tug-of-war, football, and basket ball team were received Wednesday afternoon by the members of the executive committee of the 1912 class.

The men nominated are:—for the basket ball team, C. H. Albee; tug-of-war, C. Duyser; football, Harold Kehon, J. E. Whitlesey; baseball, J. I. Murray, Ray Walsh, J. I. Taylor, Seth Seelye.

I wish to thank my classmates for their sincere expression of sympathy in my recent bereavement.

F. J. EVANS 1911.

ARRANGEMENT OF POINT SYSTEM

Institute Committee Will Settle Ratings Once And for All

PRESENT LIST GIVEN

Any Suggestions or Criticisms Should Be Presented By Wednesday Next

In order that all may understand the point system as last ratified by the Institute Committee the complete list of ratings is published. The committee will meet on Wednesday next to take final action on the arrangements and all who have suggestions or criticisms to offer should leave them at the cage for Pres. Critchett 1909, before that date as the list will probably be settled once and for all at that time.

CLASS A—10 points—Editor-in-chief of Tech and Technique, General manager of Tech Show, President of Senior Class.

CLASS B—9 points—Managing editor of the Tech, Business manager of the Tech, Chairman of Union Dining Room committee, Business manager of Technique, Business manager of Tech show, Stage manager of Tech show, President of the Junior Class, Manager of the track team, Executive committee of the Institute committee.

CLASS C—8 points—Editors of the Tech, Asst. business manager of the Tech, Members of Technique board, Advertising manager of Tech show (during second term).

CLASS D—7 points—Chairman of Union house committee, President of Y. M. C. A., President of Sophomore class, Members of Junior Prom committee, Members of Senior Portfolio committee, Asst. Business manager of Tech show.

CLASS E—6 points—Chairman of Entertainment committee, Manager of Fencing Team, Capt. of Track Team, Associate editors of the Tech, Asst. Advertising managers of the Tech show, Principals of Tech show, Manager of the Basket Ball team, Manager of the Hockey Team, Leaders of Musical Clubs, President of M. I. T. A. A., President of Professional Societies, President of Freshmen class, General manager of Musical Clubs, Institute Committee.

CLASS F—5 points—Candidates for Asst. track manager, Asst. Track manager, Chorus of Tech show, Technique Electoral committee, candidates for track, cross-country, hockey, fencing, and basketball teams, Members of Musical Clubs, Members of and candidates for news-staff of Tech.

CLASS G—4 points—Business staff of the Tech, Managers of class teams, Asst. managers of basketball, hockey and fencing teams, Managers of Musical Clubs, Architectural Record, Asst. general manager of Musical Clubs, Members of the Union committee, Members of sub-committees of Union committee, Advertising manager of Tech Show (first term).

CLASS H—3 points—Members of and candidates for class teams, Treasurers of classes, Sec-treas. of M. I. T. A. A., Undergraduate members of the Advisory Council, Gymnasium Team, Manager of the Tennis team.

CLASS I—2 points—Secretaries of

(Continued on page 3.)

CALENDAR

FRIDAY, MAR. 5.

6.30 P. M. "TECH" dinner at Union.
8.00 P. M. Union Night—Mr. Brandeis.

SATURDAY, MAR. 6.

2.19 P. M. Class—Hare and Hounds leave Back Bay station for run at Hyde Park.
8.00 P. M. Fencing—Triangular fencing meet at Springfield.

THE TECH

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Editorial Staff.

H. I. PRARL 1910 Editor-in-Chief
R. H. RANGER 1911 Managing Editor
W. D. GREEN 1909 Societies Editor
H. M. DAVIS 1911 Institute Editor
W. H. HILDEBRAND 1911 Athletic Editor

G. B. FORRISTALL 1911 Business Manager
N. DEFOREST 1911 Asst. Business Manager

Friday Staff

D. R. STEVENS 1911 Associate Editor
J. I. MURRAY 1912 News
S. C. NEFF 1912 Business

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Printed by Old Colony Press, Boston.

Friday, March 5, 1909.

47 to 8.

Everybody at the Union tonight!

Directory in corridor of Engineering B "C. M. Spofford, Room 41." Are the Institute janitors prophetic?

THE TECH takes the pleasure of announcing the reappointment of Donald R. Stevens 1911, to the board of associate editors.

Freshman practice cross-country runs are from the Gym on Tuesdays and Thursdays; the hare and hounds on Saturdays. It is to the freshmen that Coach Kanaly will look for future material, and with four places to be filled on the varsity team next fall, competition will be keen.

Attention is called to the statement of the Y. M. C. A., published in this issue. This association does valuable work which no other organization about the Institute could be expected to handle. Its standing is such that it deserves hearty support in answer to the appeal made by its officers.

The Institute committee is to further a careful investigation and correction of violations of the point system. The committee has felt, however, that before harvesting a wholesale crop of resignations the fairness of the system should be made certain, and accordingly has made some long-needed shifts in the line-up. It is highly improbable, however, that the committee has established even now a perfect system. THE TECH has printed the complete revised schedule today that those who see still further need of change—particularly the activities vitally connected and having knowledge of the amount of work required—may make these timely suggestions to the Institute committee before its meeting on Wednesday.

HARE AND HOUNDS RUN

At Hyde Park tomorrow the first hare and hound run of the season will be held if the weather is favorable. Coach Kanaly wishes to get all distance men doing outdoor work as soon as possible. The hare and hound runs are intended to be the training for cross country work and all distances above the quarter mile. Hyde Park is an ideal place to hold the first run as a short easy trail will be laid by J. N. Stephenson and H. D. Billings. The Y. M. C. A. has offered the use of its building with shower baths and swimming tank to the men. If the weather is cold the men should provide themselves with light jerseys. The squad will leave Back Bay station at 2.19 P. M. Round trip fare is 25 cents. This will be the first run under the new officers of the hare and hounds club, C. P. Eldred 1911, chase captain, and W. C. West, assistant. Captain Jacobs of the cross country team and Coach Kanaly will run with the men to get a line on the men for next year's team.

COMMUNICATION

The financial statement published in this issue of The Tech needs perhaps a word of comment and explanation. At the beginning of the school year we faced a large debt left to us from the last year. By contributions and cash advanced by the officers of the association we are out of debt, and if things are carefully managed all should run smoothly in the future. The work of the association has been, the preparation of the room list, the reception of freshmen, the distribution of the handbooks, the organization of four or five Bible classes, and the management of Sunday evening meetings in the Union. This is not very much, a strong association might do much more. The question now is:—Is this work worth while. We believe it is for these reasons, first the Y. M. C. A. is the only expression of the Religious Life, in its broadest sense, not being confined to any one sect or creed; second, some of the things we do are useful and no one else would do them if we did not. This year is critical in a way. Last year we had a paid secretary and the results did not seem very promising; this year the management has been in the hands of the students, and to say the least we fall very short from being a live association. If the work seems worthy of your support you can help by becoming a member of the association, by expressing your willingness to help in the work by contributing or acting as a collector, because unless there is some money in the treasury it will be hard to start in the fall.

In a few weeks notice will be given of the annual meeting, at which time a new constitution will be considered and the election of officers will take place.

Financial Statement, Jan. 1, 1909

Moneys received from May 20, 1908 to Jan. 1, 1909.

"Friends"	\$305.00
Members Institute Corporation	110.00
Graduates	69.50
"Sustaining Members"	15.50
Faculty	56.00
Undergraduates	46.00
Loans from members of the Ass'n.	115.85
	<u>\$717.85</u>

Moneys paid out.

Secretary's unpaid salary, 1907-8	\$528.85
Washington conference 1907	24.00
L. W. Brock, for work on room list, etc.	40.00
Reception,	
Caterer	70.00
Music	25.00
Printing and stationary	19.05
Postage	4.63
	<u>\$711.53</u>

Cash in hand

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At the second dinner of the chemical engineers of 1909 Wednesday night it was voted to elect a secretary who should correspond with the members of the course after graduation. The idea is to keep the men in closer touch with one another than is possible through the Review alone.

The engagement of Luther Davis 1910, to Miss Anna Grod of Dorchester is announced.

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POINT SYSTEM

(Continued from page 1.)

classes, Members of M. I. T. A. A., Secretaries and treasurers of professional societies, Secretary-treasurer of Y. M. C. A., Manager of the Golf Team, Members of and candidates for golf and tennis teams.

CLASS J—1 point—Vice-presidents of all organizations, Standing committees of professional societies, Standing committees of Y. M. C. A., Officers of the Co-op Society, president and secretary of the Musical Clubs, Executive committees and directors of classes, Officers of all other clubs of open membership.

TRAVELING FELLOWSHIP

Architects in Competition for Valuable Scholarship

Architectural students of the Institute are to compete in a Travelling Fellowship Competition this year. The award of the fellowship is to be based solely on distinguished merit and the contest will be open to all students who comply with the conditions, and not limited to needy students as is usually the case in scholarship awards.

Candidates may be regular or special students, but they must have passed two consecutive years in the department within the last three years, and at least one of these years must have been in the graduate class. The candidates must also have proved themselves during these school years to have been earnest students, of good ability. In lieu of the degree, the special student, to be eligible, must have a clear record in entrance conditions and descriptive geometry. No student, however, will be eligible who has already secured opportunities for foreign travel and study equivalent to those conferred by this scholarship.

The competition will begin April 16 at 9 A. M. and end May 22 at 5 P. M. The competitors are first required to make a sketch "en loge" within a period of fourteen consecutive hours. The sketch must be carefully finished, and the competitor is required to preserve a tracing of it for his own use. The design must conform to the sketch submitted in the competition, and must be entirely the work of the competitor, finished "en loge" in the department. Any advice or assistance from other persons may disqualify the competitor, at the discretion of the jury.

The winner of the fellowship is expected to sail for Europe by September 1, 1909, and to remain abroad a complete year unless otherwise authorized. He will travel and study under a program prepared in consultation with the Faculty.

The winner of the scholarship will be expected to make reports of his work at stated periods and send to the Department of Architecture from time to time his drawings and sketches in order that the Faculty may have adequate idea of his diligence. On his return he will be required to exhibit in the department the work that he has accomplished, from which the Institute may reserve as "envois" not more than four drawings.

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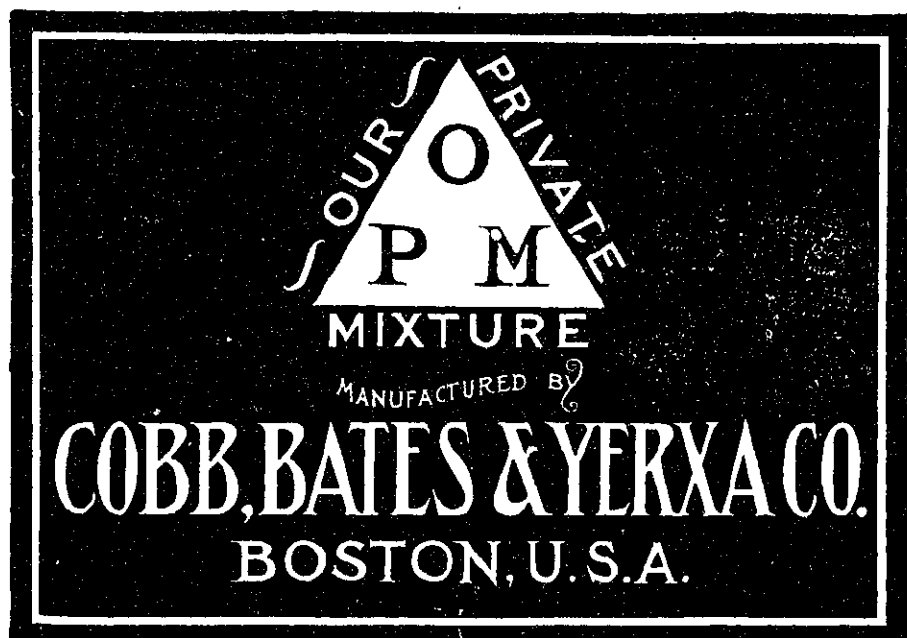
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83 NEWBURY STREET, BOSTON

The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

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M. A. H. S. CLUB MEETS

Dean Burton and Secretary Merrill entertained the M. A. H. S. Club last night in the small hall of the Union with interesting talks on the Institute in 1885 and the Institute in 1909.

Prof. Merrill told of the small size of Technology at his time. He also entertained the men by showing them some early pictures of different Professors at present on the teaching staff of the Institute.

Dean Burton followed the talk by Prof. Merrill with an outline of the work cut out for the freshmen of next year's class, speaking of the joys due them in attending the delightful hours of "drill," and the possible chance that they had of winning "Field Day."

NOTICES

GYM WORK.—Regular class work will continue until April 10, two hours per week. All students having work to make up should do it before that time.

1912—More men are wanted to try for places on the freshman cross-country team. All men who report regularly for practice three times a week will be excused from Gym work. Freshman practice runs start from the Gym on Tuesdays and Thursdays, and with the Hare and Hounds on Saturdays.

CIVIL ENGINEERING SOCIETY.—Dinner 6.30 P. M., March 9, at the Union. Frederic H. Fay 1893, of the Engineering Department of the City of Boston will speak on the "History, Destruction, and Reconstruction of the Boylston Street bridge."

SENIOR PORTFOLIO.

If there are any men who are eligible for the Portfolio and who have not been given orders at Notman's, they should notify any of the committee at once.

All men must have made appointments with Notman Photo Co. before March 6.

The committee will give out any further information that is desired. Committee: C. N. Harrub, W. J. Kelly, J. W. Nickerson, A. L. Shaw, H. E. Whitaker.

WAITERS—Position open for an assistant head waiter at the Union Dining Room. See steward for particulars.

CLASSIFIED ADS

Advertisements under this head are inserted at the rate of five cents a line of six words, payable in advance, and copy should be handed to the business manager the morning before publication day.

LOST—Franklin and Estey Electricity. Please return to cage for L. M. Adler.

TO RENT—Small steam heated room with gas on upper floor, \$1.50 per week. Apply at Suite two, 163 Huntington Ave.

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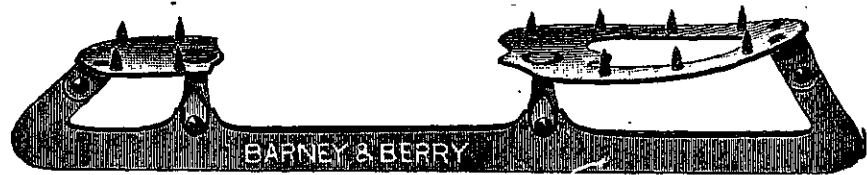
FOUND—A fountain pen in the Electrical Laboratory and a watch. Inquire at the Bursar's office.

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